AMENDMENTS TO THE CLAIMS

1. (Cancelled)

2. (Currently Amended) A system for managing the routing of information from a source to a destination through a plurality of networks, wherein at least one of the networks is a packet network, the system comprising:

a routing processor for receiving a query signal from the source via a wireless link, wherein the query signal specifies the destination to which the information will be routed, and wherein the processor is configured to identify a subscriber service associated with the destination; and

a memory for storing one or more characteristics of the source and one or more characteristics of the destination;

wherein the processor determines a route for the transmission of the information based on the query signal, based on the identified subscriber service associated with the destination, and based on the characteristics stored in the memory, wherein one of the one or more characteristics of the destination includes information ~~relating to~~indicating the type of equipment at the destination and wherein the processor or a network element other than the source, packetizes the information sent over the route.

3. (Previously Presented) The system according to claim 2, wherein the source subscribes to a fixed wireless service network.

4. (Previously Presented) The system according to claim 3, wherein the destination subscribes to the same fixed wireless service network as the source.

5. (Previously Presented) The system according to claim 3, wherein the destination subscribes to a PSTN service network.

6. (Cancelled)

7. (Previously Presented) The system according to claim 1, wherein the information includes digitized voice information.

8. (Previously Presented) The system according to claim 1, wherein the signal is a DTMF signal.

9-12. (Cancelled)

13. (Currently Amended) A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of the networks is a packet network, and wherein each network is linked to at least one other network by a communication medium, the method comprising:

receiving a query specifying a destination to which the information will be routed at a routing processor;

storing one or more characteristics of the destination;

identifying a subscriber service associated with the destination; and

if the destination subscribes to a service associated with a wired information transfer network, determining a route for the transmission of the information based on the query and based on the one or more stored characteristics, wherein the one or more stored characteristics include information ~~relating to~~indicating the type of equipment at the destination, and wherein the processor or a network element other than the source, packetizes the information sent over the route.

14. (Previously Presented) The method according to claim 13, wherein the storing the one or more characteristics includes storing at least one address for the destination.

15. (Currently Amended) A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of the networks is a packet network, and wherein each network is linked to at least one other network by a communication medium, the method comprising:

receiving a query specifying a destination to which the information will be routed at a routing processor;

storing one or more characteristics of the destination;

identifying a subscriber service associated with the destination; and

determining a transmission path for routing the information through the networks, wherein the determining is based at least in part on:

the received query signal,

the stored characteristics, wherein the stored characteristics include information ~~relating to~~indicating the type of equipment at the destination, and

the identified subscriber service associated with the destination, and

wherein, if the destination subscribes to a service associated with a wired information transfer network and the equipment at the destination is not configured to accept information from the source via the wired information transfer network alone, the determined transmission path comprises at least one packet network in addition to the wired information transfer network, and wherein the source does not packetize the information sent over the determined transmission path.

16. (Previously Presented) The method according to claim 15 wherein the equipment at the destination comprises a facsimile device.

17. (Previously Presented) The method according to claim 15 wherein the equipment at the destination comprises a computer.

18. (Previously Presented) The method according to claim 15 wherein the equipment at the destination comprises a modem.

19. (Cancelled)

20. (Previously Presented) The method according to claim 15 wherein, if the destination subscribes to a service associated with a wired information transfer network and the equipment at the destination is configured to accept information from the source via the wired information transfer network alone, and wherein the determined transmission path does not comprise a packet network in addition to the wired information transfer network.

21. (Previously Presented) The method according to claim 15 wherein, if the destination subscribes to a service associated with a wireless information transfer network, the determined transmission path comprises at least one packet network.

22. (Currently Amended) A system for managing the routing of information from a source to a destination through a plurality of networks, wherein at least one of the networks is a packet network, the system comprising:

a routing processor for receiving a query signal from the source, the signal specifying the destination to which the information will be routed;

wherein the processor identifies a subscriber service associated with the destination; and

wherein, if the destination subscribes to a service associated with a wired information transfer network, the processor determines a route for the transmission of the information based on the query signal and based on information relating to the ~~form~~type of information receivable by the equipment at the destination, and wherein the source does not packetize the information sent over the route.

23. (Previously Presented) The system according to claim 22, wherein the source subscribes to a fixed wireless service network.

24. (Previously Presented) The system according to claim 23, wherein the destination subscribes to the same fixed wireless service network as the source.

25. (Previously Presented) The system according to claim 23, wherein the destination subscribes to a PSTN service network.

26. (Cancelled)

27. (Previously Presented) The system according to claim 22, wherein the information includes digitized voice information.

28. (Previously Presented) The system according to claim 22, wherein the signal is a DTMF signal.

29. (Currently Amended) A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of the networks is a packet network, and wherein each network is linked to at least one other network by a communication medium, the method comprising:

receiving a query specifying a destination to which the information will be routed at a routing processor;

identifying a subscriber service associated with the destination; and

if the destination subscribes to a service associated with a wired information transfer network; determining a route for the transmission of the information based on the query and on information ~~relating to~~indicating the type of equipment at the destination, and wherein the processor or a network element other than the source, packetizes the information sent over the route.

30. (Previously Presented) The method according to claim 29, wherein the identified service is a wireline service and the equipment at the destination does not include digital capabilities.

31. (Previously Presented) The method according to claim 29 wherein the identified service is a wireline service and the equipment at the destination includes digital capabilities.